

1. A medicament having cytokine suppression effect, comprising as an active ingredient at least one of riboflavin, a riboflavin derivative or a pharmacologically acceptable salt thereof.

5 2. The medicament according to Claim 1, which is useful for preventing or treating hypercytokinemia.

3. The medicament according to Claim 1, which is useful for preventing or treating systemic inflammatory response syndrome.

10 4. The medicament according to Claim 3, wherein said systemic inflammatory response syndrome is not caused by an infection.

5. The medicament according to Claim 4, wherein said systemic inflammatory response syndrome is caused by a wound, a burn, pancreatitis, liver damage, ischemia/reperfusion injury or surgery.

15 6. The medicament according to any one of Claims 1 through 5, wherein said cytokine suppression effect suppresses at least one of IL-1 β , IL-6, IL-10, INF- γ , TNF- α , GM-CSF, IL-8 or MCP-1.

7. A medicament useful for preventing or treating systemic inflammatory response syndrome not caused by an infection, comprising as an active ingredient at least one of riboflavin, a riboflavin derivative or a pharmacologically acceptable salt thereof.

20 8. The medicament according to Claim 7, wherein said systemic inflammatory response syndrome is caused by a wound, a burn, pancreatitis, liver damage, ischemia-reperfusion injury or surgery.

25 9. The medicament according to Claim 1, wherein said riboflavin derivative or pharmacologically acceptable salt thereof is flavin mononucleotide, flavin adenine dinucleotide, riboflavin tetrabutylate, riboflavin sodium phosphate, riboflavin phosphate monodiethanolamine salt, leucoflavin, monohydroflavin, leucoflavin phosphoric acid ester, leucoflavin mononucleotide, leucoflavin adenine dinucleotide or a pharmacologically acceptable salt thereof.

30 10. The medicament according to Claim 1, wherein at least one of the riboflavin, riboflavin derivative or pharmacologically acceptable salt thereof is contained in the form of an injection, tablet, granule, powder, subtle granule, capsule, pill or oral liquid.

11. The medicament according to Claim 1, wherein said cytokine suppression effect has as one mechanism the scavenging action of active oxygen.

12. A use of at least one of riboflavin, a riboflavin derivative or a

pharmacologically acceptable salt thereof for preparation of a preventative or a therapeutic agent for hypercytokinemia.

13. The use of at least one of riboflavin, a riboflavin derivative or a pharmacologically acceptable salt thereof as a preventative or therapeutic agent for

5 hypercytokinemia.

14. A cytokine suppressing agent, comprising as an active ingredient at least one of riboflavin, a riboflavin derivative or a pharmacologically acceptable salt thereof.

15. A method for preventing or treating hypercytokinemia, comprising administering to a subject an effective dose of at least one of riboflavin, a riboflavin

10 derivative or a pharmacologically acceptable salt thereof.